


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	W. Jean Dodds	Examiner:	Pablo S. Whaley
Serial No.	10/635,707	Group Art Unit:	1631
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Customer No.:	33717	Confirmation No.:	8325
Title:	SYSTEM FOR ANIMAL HEALTH DIAGNOSIS		

CERTIFICATE OF TRANSMISSION

I hereby certify that this document is being transmitted electronically to the United States Patent and Trademark Office via the EFS Web e-Filing system on January 28, 2008.


Name: Kelly Simpson

DECLARATION OF W. JEAN DODDS IN SUPPORT OF PATENTABILITY

I, W Jean Dodds; declare as follows.

1. I am the Applicant in the above application.
2. I am also the inventor and patentee in the cited US patent 6,287,254 (Dodds).
3. The technology of the claims of the present application are directed to an invention which avoids the problems with cumbersome and potentially inaccurate diagnostic reporting of animal health conditions. The claims of the present application represent an important advance scientifically and technically over the technology of the claims of the my earlier Dodds patent, since they cover an diagnostic system for reporting enhanced reports in a manner never before done.
4. I consider myself a person having ordinary skill in the art of animal health diagnostics. I have been involved in the animal health diagnostics for about 40 years and am considered by my peers as a preeminent leader in the field. I am also aware of the different

techniques for reporting on animal health based on manual, computer and laboratory data. I have run my own laboratory in different forms for about 30 years. This is a main activity of my current business at www.hemolife.org. Over this time I have provided diagnosis for literally tens of thousands of animal conditions. Before my current invention of the present applications there was no computerized manner of diagnosing and delivering enhanced reports in animal medicine. I attach a copy of my resume as Exhibit A.

5. In view of my experience in the field of animal diagnosis, I believe that the icon was not an obvious development from the disclosures I made in Dodds.

6. Dodds simply does not teach, suggest or disclose in any sense a supplemental or enhanced report or a second computer program.

7. Dodds does not disclose, teach or suggest that an alternative embodiment of data interpretation performed by algorithm and outputted to a user via an expert interface can be by additional reports generated using a second program comprising menus and icons or GUIs.

8. Dodds is not a disclosure, teaching or suggestion of the present invention, and nor would it have been obvious to modify the teachings of my prior disclosure (Dodds) or would it have been obvious to try from my knowledge at the time to obtain the features of the present invention.

9. The functional and generated icons representing textual data define an important and patentable advance in the field of animal health diagnosis.

10. The icons are functional and are selected and used as follows::

- selected icons are selected and used to supplement the laboratory report
- the icons are used for animal characteristics dependant on age and sex, and animal characteristics dependant on animal grouping
- the icons are selected and used for groupings of at least three of the following animal groups, namely adult, puppy-adolescent, geriatric, large breed dog, or sight hound.
- icons are selected and used for a disease state, being thyroid disease

- the icons are representative of being normal relative to thyroid disease and abnormal relative to thyroid disease
- the icons are defined as being such as to be representative of the textual content to be added to the supplementary report
- different icons are individually related to animal characteristics of age and animal grouping

11. I have also reviewed the Trendelenburg reference. I do not remotely see anything there which deals with icons which are of a nature of the invention of my current applications. There is a Microsoft Access program which uses icons of cut, paste, print or save etc. Cut, paste, print or save etc icons are not per se representative of the textual content of a report-they are simply empty icons or a short cut to effect an instruction. There is no per se textual content represented in the Trendelenburg icons. There is clearly no disclosure, teaching or suggestion in Trendelenburg of icons representative of the textual content to be added to the supplementary report. Trendelenburg is not remotely a disclosure or suggestion of different icons individually related to animal characteristics of age and animal grouping.

12. It was not readily obvious to me at that time, that the enhanced icon diagnosis and reporting system could solve the problems being experienced with basic animal diagnostic reporting. It would not have been obvious to anyone of skill in the art at the time and who was actually struggling with the real problems of effective and precise animal diagnostic reporting, that this totally different system would work and solve prior problems.

13. The prior art references cited against the instant claims include references directed to different fields. These prior art references alone do not even provide even general guidance to the instant problem and claimed solution.

14. In fact, the combination of these references makes sense **only** when viewed in the context of the specification and claims. Alone, they don't get a person of ordinary skill in the art any closer to an expectation of success because they simply don't have any guidance, even when combined, to guide a person of ordinary skill in the art to the claimed result without significant

detective work. Further as indicated there is not even the remotest disclosure or suggestion of an icon or a GUI representative of the textual content to be added to the supplementary report.

15. I consider that the icon diagnostic reporting system of the present applications would not have been obvious at the time in the light of my prior diagnosis method in Dodds. It would have taken ingenuity to achieve the successful diagnosis system with the invented icon system.

All statements made herein of my own knowledge are true, all statements made hereon information and belief are believed to be true, and further these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under U.S.C. 1001, and may jeopardize the validity of the application of any patent issuing thereon.

Dated: Jan 24, 2008

W. Jean Dodds
W. JEAN DODDS

Exhibit A

CURRICULUM VITAE OF W. JEAN DODDS

Born Shanghai, China, January 4, 1941

Education

1964 D.V.M.(With honors and distinction)

Ontario Veterinary College, University of Toronto, Guelph, Ontario, Canada

1965 (Feb.)

Postgraduate course in medical genetics, Faculty of Medicine, University of Toronto

1965 (May 25
- June 4)

Postgraduate course in biochemistry, pathology, and immunology,
Albany Medical College

Employment

1964-1965

Assistant Professor, Department of Physiological Sciences, Ontario Veterinary College, Guelph, Ontario, Canada

1965-1967

Research Scientist, Division of Laboratories and Research, NYS
Department of Health, Albany (Health Research, Inc.)

1967-1968

Associate Veterinarian (Hematologist), above address

1968-1969

Senior Research Scientist, above address

1969-1984

Senior Research Scientist III to VIII (NYS appointments)

1977-1983

Research Director, Laboratories for Veterinary Science, above address

1983-1988

Chief, Laboratory of Hematology, above address

1988-1992

Director, Comparative Hematology Laboratory, above address (half-time)

1986-present

Founder and President, Hemopet, Santa Monica, CA

Membership on Study Sections, Editorial and Advisory Boards; Other Consultantships

1974-1978

Member, Animal Resources Advisory Committee, Division of Research
Resources, National Institutes of Health.

1979-1983

Member, Hematology Study Section, Division of Research Grants, National
Institutes of Health.

1982-2000

Hematology Consultant; Canine Practice, Feline Practice, Equine Practice.

1987-1995

Editorial Board, Veterinary Clinical Pathology.

1979-1980

Associate Editor, Laboratory Animal Science.

1970-present

Referee for J Amer Vet Med Assoc; Am J Vet Res; J Am Anim Hosp Assoc;
Blood; J Lab Clin Med; Brit J Haematol; Thromb Haemost; Thromb Res; Nat
Sci Found; Amer Heart Assoc; Can Vet J; Can J Comp Med; Lab Anim Sci.

1972-1974

Member, Executive Committee, Council on Thrombosis, American Heart
Association.

1981-1984

Member, Pathology Research Study Committee, American Heart Association

1983-1988

Executive Secretary, NYS Council on Human Blood and Transfusion Services,
and NYS Hemophilia Advisory Panel.

1983-1985

Member, Office of Technology Assessment Panel on Alternatives to Animal
Use in Testing and Experimentation, U.S. Congress.

1973-1978	Member, Subcommittee on Vertebrates, Genetics Society of America.
1973-1975	Member, Committee on Animal Models and Genetic Stocks, Institute of Laboratory Animal Resources (ILAR), National Research Council-National Academy of Sciences (NRC/NAS).
1975-1978	Chairman, Committee on Animal Models and Genetic Stocks, ILAR, NRC/NAS
1974-1976	Chairman, Committee on Animal Models for Thrombosis and Hemorrhagic Diseases, ILAR, NRC/NAS.
1975-1979	Member, Committee on Veterinary Medical Sciences, Assembly of Life Sciences, NRC/NAS.
1980-1984	Chairman, Committee on Veterinary Medical Sciences, Assembly of Life Sciences, NRC/NAS.
1975-1980	Vice-Chairman and Member, Executive Committee and Advisory Council, ILAR, NRC/NAS.
1974-1983	Chairman, Subcommittee on Animal Models, International Committee on Thrombosis and Haemostasis.
1976-1978	Member, Committee on Education, ILAR, NRC/NAS.
1978-1979	Chairman, Special ILAR Evaluation Panel for the Laboratory Animal Data Bank of National Library of Medicine, NRC/NAS.
1979-1983	Member and Vice-President, Board of Trustees, Scientist's Center for Animal Welfare, Washington, D.C.
1984-1988	President, Scientist's Center for Animal Welfare, Washington, D.C.
1984-1987	Member, Scientific Advisory Board, Otisville Biotech, Inc./Alliance Pharmaceuticals, San Diego, CA.
1986-present	Consultant (pro-bono), Veterinary Reference Laboratories, Animed (1986-1988); Professional Animal Laboratory (1990-1994), became Antech Diagnostics, Irvine, CA.
1986-present	President, Hemopet/Pet Life-Line, Santa Monica and Irvine, CA. Nonprofit national animal blood bank program.
1993-2002	Editor, Advances in Veterinary Science and Comparative Medicine, Academic Press, San Diego, CA.
2004-2005	Member, Committee on National Needs for Research in Veterinary Medicine, NRC/NAS.

Other Appointments

1968-1979	Consultant Veterinarian, Veteran's Administration Medical Center, Albany, NY.
1970-1979	Adjunct Associate Professor of Medicine, Albany Medical College, Albany, NY.
1978-2000	Adjunct Associate Professor of Medicine, University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA.
1979-1990	Adjunct Professor of Pathology, NYS College of Veterinary Medicine, Cornell University, Ithaca, NY.
1980-1990	Adjunct Professor, Department of Physiology, Albany Medical College.
1980-1990	Adjunct Professor, Department of Medicine, Albany Medical College.
1981-1990	Adjunct Professor of Pathology, Albany Veteran's Administration Medical Center.
1980-1990	Visiting Lecturer, Tuft's University School of Veterinary Medicine, Boston, MA.
1983-1992	Adjunct Professor, Department of Biological Sciences, State University of New York at Albany (SUNYA).
1983-1988	Acting Associate Chairman, Department of Laboratory Medicine, Graduate School of Public Health Sciences, SUNYA.

1983-1990 Adjunct Professor, Department of Pathology, Albany Medical College.
 1987-1992 Member, Veterinary Advisory Committee, Biopure Corporation, Boston, MA.
 1991-1992 Veterinary Consultant, Cryopharm, Pasadena, CA.
 1991-1998 President, Association of Veterinary Transfusion Medicine.
 1998-2001 Newsletter Editor, Association of Veterinary Hematology and Transfusion Medicine

Teaching Experience

1968-present Continuing medical education credit courses in hematology, immunology and endocrinology for veterinarians and veterinary technologists locally, nationally and internationally.
 1975-1985 Continuing medical education credit courses and seminars in hematology for physicians and medical technologists, Department of Medicine, Albany Medical College, Union University; Veteran's Administration Medical Center; and Northeastern Region of American Red Cross, Albany, NY.
 1976-1980 Program Director, NIH/NRSA Postdoctoral research training grant in comparative hemostasis. Four (4) postdoctoral trainees were trained.
 1978-1985 Annual undergraduate courses in hematology for veterinary students at NYS College of Veterinary Medicine, Cornell University, Ithaca, NY; and Tufts University School of Veterinary Medicine, Boston, MA.
 1978-2000 Annual undergraduate veterinary student courses at University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA.
 1993-1999 Veterinary Consultant, Baxter Edwards CVS Division, Irvine, CA.

Honors and Awards

1974 Woman Veterinarian of the Year, Women's Veterinary Medical Association, Denver, Co.
 1977 Region I Award for Outstanding Service to the Veterinary Profession, American Animal Hospital Association, Cherry Hill, NJ.
 1978 Award of Merit in Recognition of Special Contributions to the Veterinary Profession, American Animal Hospital Association, Salt Lake City, UT.
 1978 Gaines Fido Award, Dogdom's Woman of the Year, Gaines Research Center, New York, NY and 1990
 1979 Anstamm Achievement Award, in memory of Senator Anthony Stamm (MI), Scottish Terrier Club of America.
 1979 Commendation for Service, Albany Veteran's Administration Medical Center.
 1984 Centennial Medal Award, University of Pennsylvania School of Veterinary Medicine.
 1987 Elected Distinguished Practitioner, National Academy of Practice in Veterinary Medicine.
 1994 Holistic Veterinarian of The Year, American Holistic Veterinary Medical Association.
 2004 Veterinarian of the Year, All-Saints Blessings for the Animals

Professional Societies

American Veterinary Medical Association	American Society of Hematology
Canadian Veterinary Medical Association	American Association of Pathologists
Ontario Veterinary Medical Association	American Heart Association
American Society of Veterinary Clinical Pathologists	American Association of Blood Banks

Areas of Expertise

Comparative thrombosis and hemostasis
Animal models
Comparative immunohematology and endocrinology
Laboratory animal medicine; animal welfare

Patents

U.S. Patent 5,196,311	ELISA Test for von Willebrand Factor
U.S. Patent 5,202,264	ELISA Using Multi-Species Antibodies for Detection of von Willebrand Factor in Multiple Species
U.S. Patent 5,486,685	Oven with Food Presence Indicator
U.S. Patent 5,830,709	Detection Method for Homologous Portions of a Class of Substances
U.S. Patent 6,287,254	Animal Health Diagnostics
U.S. Patent 6,730,023	Animal Genetic and Health Profile Database Management
U.S. Patent 9,419,192	Animal Genetic and Health Profile Database Management
U.S. Patent 9,898,193	Animal Health Care, Well-Being and Nutrition
U.S. Patent 7,029,441	Animal Health Care, Well-Being and Nutrition

W. Jean Dodds, D.V.M.

Full Papers/Articles in Referenced Journals

- Dodds, W.J., Packham, M.A., Rowsell, H.C. and Mustard, J.F. Factor VII survival and turnover in dogs. *Am. J. Physiol.* 1967, 213, 36.
- Hovig, T., Rowsell, H.C., Dodds, W.J., Jorgensen, L., and Mustard, J.F. Experimental hemostasis in normal dogs with congenital disorders of blood coagulation. *Blood* 1967, 30, 636.
- Dodds, W.J. Familial canine thrombocytopathy. *Thromb. Diath. Haemorrh.* 1968, Supplementum XXVI, 241.
- Dodds, W.J., and Miller, K.D. V. Hematologic studies: Clotting factors and related hematologic values. In: *Dietary-induced atherosclerosis in miniature swine*. *Exp. Molec. Path.* 1968, 8, 291.
- Jorgensen, L., Rowsell, H.C., Dodds, W.J., and Mustard, J.F. Myocardial infarction in an old dog. *J. Ather. Res.* 1968, 8, 97.
- Hovig, T., Dodds, W.J., Rowsell, H.C., and Mustard, J.F. The transformation of hemostatic platelet plugs in normal and Factor IX deficient dogs. *Am. J. Path.* 1968, 53, 355.
- Dodds, W.J. Current concepts of hereditary coagulation disorders in dogs. *Experimentation animale* 1968, 1, 243.
- Dodds, W.J. Storage release and synthesis of coagulation factors in isolated perfused organs. *Am. J. Physiol.* 1969, 217, 879.
- Dodds, W.J. Hepatic influence on synthesis and release of coagulation activities from the spleen. *Science* 1969, 168, 882.
- Dodds, W.J. Canine von Willebrand's disease. *J. Lab. Clin. Med.* 1970, 76, 713.
- Dodds, W.J., and Kull, J.E. Canine factor XI (PTA) deficiency. *J. Lab Clin. Med.* 1971, 78, 746.
- Shepard, V.J., Dodds-Laffin, W.J., Laffin, R.J. Myeloma in a dog with defective hemostasis. *J. Am. Vet. Med. Assoc.* 1972, 160, 1121.
- Dodds, W.J., Raymond, S.L., Moynihan, A.C., and Fenton, J.W. II. Independent stimulators regulating the production of coagulation factor VIII and IX. *J. Lab. Clin. Med.* 1972, 79, 770.
- Dodds, W.J., and Pickering, R.J. Cobra venom factor: Effect on blood platelets. *Pro. Soc. Exper. Biol. Med.* 1972, 140, 429.
- Dodds, W.J., and Pickering, R.J. The effect of cobra venom factor on hemostasis in guinea pigs. *Blood* 1972, 40, 400.
- Aronson, D.L., Dodds, W.J., and Mustafa, A.J. A quantitative two-stage assay for factor IX (Christmas factor) using plasma from dogs with Christmas disease. *Thromb. Diath. Haemorrh.* 1972, 27, 529-534.
- Brinkhous, K.M., Davis, P.D., Graham, J.B., and Dodds, W.J. Expression and linkage of genes for X-linked hemophilias A and B in the dog. *Blood* 1973, 41, 577-585.
- Wilkins, R.J., Hurvitz, A.I., and Dodds-Laffin, W.J. Immunologically mediated thrombocytopenia in the dog. *J. Am. Vet. Med. Assoc.* 1973, 163, 277.

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- Dodds, W.J. Canine factor X (Stuart-Prower factor) deficiency. *J. Lab. Clin. Med.* 1973, 82, 560.
- Dodds, W.J., Raymond, S.L., and Pert, J. H. Isolated kidney perfusion: A model for testing platelet function. *Proc. Soc. Exper. Biol. Med.* 1973, 144, 189.
- Smith, T.P. Dodds, W.J., and Tartaglia, A.P. Thrombasthenic-thrombopathic thrombocytopenia with giant "Swiss-cheese" platelets: A case report. *Ann. Intern. Med.* 1973, 79, 828.
- Dodds, W.J., and Hoyer, L.W. Coagulation activities in perfused organs. Regulation by addition of animal plasmas. *Brit. J. Haematol.* 1974, 26, 497-509.
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- Dodds, W.J., Moynihan, A.C., Benson, R.E., and Hall, C.A. The value of age and sex-matched controls for coagulation studies. *Brit. J. Haematol.* 1975, 29, 305.
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- Dodds, W.J. Further studies of canine von Willebrand's disease. *Blood* 1975, 45, 221-230.
- Raymond, S.L., and Dodds, W. J. Characterization of the fawn-hooded rat as a model for hemostatic studies. *Thromb. Diath. Haemorrh.* 1975, 33, 361-369.
- Urizar, R.E., Sherer, G., Tartaglia, A., Pickering, R. J., and Dodds, W.J. Disseminated intravascular coagulation induced by liquoid in the rat. I. Correlation of hematologic and complement abnormalities with renal lesions studied by light, fluorescence and electron microscopy. *Lab. Invest.* 1975, 32, 270-278.
- Dodds, W.J. Inherited hemorrhagic disorders. *Proc. 111th Meeting of Am. Vet. Med. Assoc., Denver, July 22-26, 1974. J. Am. Animal Hosp. Assoc.* 1975, 11, 366-373.
- Raymond, S.L., Pert, J.H., and Dodds, W. J. Evaluation of platelet cryopreservation techniques by isolated kidney perfusion. *Transfusion* 1975, 15, 219.
- Benson, R.E., and Dodds, W. J. Partial characterization of the factor VIII-stimulating material of rabbit liver perfusates: Relationships to rabbit plasma factor VIII. *Brit. J. Haematol.* 1975, 31, 437-447.
- Benson, R.E., Dodds, W.J., and Bouma, B.N. Factor VIII-related antigen in canine hemophilia and von Willebrand's disease: Variation when measured with different agaroses. *Thromb. Res.* 1975, 7, 383-389.
- Bouma, B.N., Dodds, W.J., van Mourik, J.A., Sixma, J.J., and Webster, W.P. Infusion of human and canine factor VIII in dogs with von Willebrand's disease: Studies of the von Willebrand and factor VIII synthesis stimulating factors. *Scand. J. Haematol.* 1976, 17, 263-275.
- Benson, R.E., and Dodds, W. J. Immunologic characterization of canine factor VIII. *Blood* 1976, 48, 521-529.
- Benson, R.E., Sherer, G., Targalia, A., Pickering, R.J., and Dodds, W.J. Disseminated intravascular coagulation induced by liquoid in the rat. II. Effect of heparin on the hematologic and complement abnormalities and renal lesions studied by light, fluorescence, and electron microscopy. *Lab. Invest.* 1976, 34, 510-515.

Full Papers /Articles in Refereed Journals (3)

Benson, R.E., and Dodds, W.J. Physical relationship between canine factor VIII coagulant activity and factor VIII-related antigen. *Proc. Soc. Exper. Biol. Med.* 1976, 153, 339.

Dodds, W. J., Raymond, S.L. Moynihan, A. C., Pickering, R.J., and Amiraian, K. Coagulation studies in C4-deficient guinea pigs. *Proc. Soc. Exper. Biol. Med.* 1977, 154, 382-385.

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Cotter, S.M., Brenner, R.M., and Dodds, W.J. Hemophilia A in three unrelated cats. *J. Am. Vet. Med. Assoc.* 1978, 172, 166-168.

Israel, E., Wilkins, R.J. Dodds, W.J., Hurvitz, A.I., and Kelly, M.J. Microangiopathic hemolytic anemia in puppy. Grand Rounds Conference. *J. Am. Animal Hosp. Assoc.* 1978, 14, 521-523.

Raymond, S.L., and Dodds, W.J. Plasma antithrombin activity: A comparative study in normal and diseased animals. *Proc. Soc. Exper. Biol. Med.* 1979, 161, 464-467.

Raymond, S.L., and Dodds, W.J. Platelet membrane glycoproteins in normal dogs and dogs with hemostatic defects. *J. Lab. Clin. Med.* 1979, 93, 607-613.

Peterson, M.K., and Dodds, W.J. Factor IX deficiency in an Alaskan malamute. *J. Am. Vet. Med. Assoc.* 1979, 174, 1326-1327.

Urizar, R.E., Dodds, W.J., Roth, M., Rohloff, M.T., Zdeb, M., and Largent, J. Disseminated intravascular coagulation induced by liquoid in the rat. IV. Modification of the Schwartzman reaction by Ancrod and cobra venom factor (CVF). *Lab Invest.* 1979, 40, 645-654.

Johnson, G.S., Benson, R.E., and Dodds, W.J. Ristocetin cofactor activity of purified canine factor VIII: Inhibition by plasma proteins. *Thromb. Res.* 1979, 15, 835-846.

Weiss, R.C. Dodds, W.J., and Scott, F.W. Disseminated intravascular coagulation in experimental feline infectious peritonitis. *Am. J. Res.* 1979, 40, 633-671.

Johnson, G.S., Lees, G., Benson, R.E., Rosborough, T.K., and Dodds, W.J. A bleeding disease (von Willebrand's disease) in a Chesapeake Bay retriever. *J. Am. Vet. Med. Assoc.* 1980, 176, 1261-1263.

W. Jean Dodds, D.V.M.

Full Papers/Articles in Refereed Journals (4)

Rosborough, T.K., Johnson, G.S., Benson, R.E., Swalm, W.R. and Dodds, W.J. Measurement of canine von Willebrand factor using ristocetin and polybrene: Diagnosis of canine vonWillebrand's disease. J. Lab. Clin. Med. 1980, 96, 47-56.

Dodds, W.J. and Abelseth, M.K. Criteria for selecting the animal to meet the research need. Lab. Anim. Sci. 1980, 30, Part II, 460-465.

Bass, A.I., Benson, R.E., and Dodds, W.J. Crossed immunoelectrophoretic pre-peak of canine factor VIII-related antigen. Thromb. Res. 1980, 20, 343-346.

Dodds, W.J., DiNovo, J.M., and Bergeron, J.A. A native whole blood assay for blood-materials interaction. Thromb. Haemost. 1981, 45, 12-17.

Benson, R.E., Johnson, G.S. and Dodds, W.J. Binding of low-molecular-weight canine factor VIII coagulant from von Willebrand plasma to canine factor VIII-related antigen. Br. J. Haematol. 1981, 49, 541-550.

Dodds, W.J., Moynihan, A.C., Fisher, T.M., and Trauner, D.B. The frequencies of inherited blood and eye diseases as determined by genetic screening programs. J. Am. Anim. Hosp. Assoc. 1981, 17, 697-704.

Medway, W., Dodds, W.J., Monihan, A.C., and Bonde, R.K. Blood coagulation of the West Indian Manatee (*Trichechus manatus*). Cornell Vet. 1982, 72, 120-127.

Benson, R.E., and Dodds, W.J. Correspondence: Impurity of lipaemic factor VIII preparations. Br. J. Haematol. 1982, 50, 705-706.

Hill, B.L., Zenoble, R.D., and Dodds, W.J. Prothrombin deficiency in a cocker spaniel. J. Am. Vet. Med. Assoc. 1982, 181, 262-263.

Dodds, W.J. Letters: Aspirin for coagulation disorder. J. Am. Vet. Med. Assoc. 1982, 181, 1205-1206.

Campbell, K.L., Greene, C.E., and Dodds, W.J. Factor IX deficiency (hemophilia B) in a Scottish terrier. J. Am Vet. Med. Assoc. 1983, 182, 170-171.

Benson, R.E., Jones, D.W., and Dodds, W.J. Efficiency and precision of electroimmunoassay for canine factor VIII-related antigen. Am. J. Vet. Res. 1983, 44, 399-403.

Dodds, W.J. Inherited coagulation disorders in the dog. In Practice. 1983, 5, 54-58.

Bergeron, J.A., DiNovo, J.M., Razzano, A.F., and Dodds, W.J. Nonthrombogenicity of clean glass revealed by native whole blood assay in bead columns. Thromb. Haemost. 1983, 50, 814-820.

Badyrak, S.F., Dodds, W.J., and Van Vleet, J.F. Plasma coagulation factor abnormalities in dogs with naturally-occurring hepatic disease. Am. J. Vet. Res. 1983, 44, 2336-2340.

Lamberton, R.P., Goodman, A.D., Kassoff, A., Rubin, C.L., Treble, D.H., Saba, T.M., Dodds, W.J., and Merrimee, T.J. Relation of von Willebrand factor, fibronectin and insulin growth factors I and II on diabetic retinopathy and nephropathy. Diabetes. 1984, 33, 125-129.

Benson, R.E., Jones, D.W., and Dodds, W.J. A practical technique for preparation of antiserum specific for factor VIII-related antigen. Vet. Immunol. Immunopathol. 1984, 7, 337-346.

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Full Papers/Articles in Refereed Journals (5)

- Verlander, J.W., Gorman, N.T., and Dodds, W.J. Factor IX deficiency (hemophilia B) in a litter of Labrador retrievers. *J. Am. Vet. Med. Assoc.* 1984, 185, 83-84.
- Urizar, R.E., Cerda, J., Dodds, W.J., Raymond, S.L., Largent, J.A., Simon, R., and Gilboa, N. Age-related renal, hematologic, and hemostatic abnormalities in FH/WJD rats. *Am. J. Vet. Res.* 1984, 45, 1624-1631.
- Dodds, W.J., DiNovo, J.M., Fromageot, H.P.M., and Stark, J.H. Reactivity of an absorbable hemostatic agent with native whole blood. *ASAIO J.* 1984, 7, 91-93.
- Edwards, J.F., Dodds, W.J., and Slauson, D.O. Coagulation changes in African swine fever virus infection. *Am. J. Vet. Res.* 1984, 45, 2414-2420.
- Frantz, S.C., Dodds, W.J., and Kim, S.: A study of accidents, illnesses, and deaths resulting from the use of commensal rodenticides. EPA Public Hearings on Rodenticide Bait Stations, Saramento, CA, March 5, 1984.
- Ainsworth, D.M., Dodds, W.J., and Brown, C.M. Deficiency of the contact phase of intrinsic coagulation in a horse with lymphosarcoma. *J. Am. Vet. Med. Assoc.* 1985, 187, 71-72.
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